

FIGURE 1. ENZYMATIC SYNTHESIS OF DNA USING A MODIFIED NUCLEOTIDE

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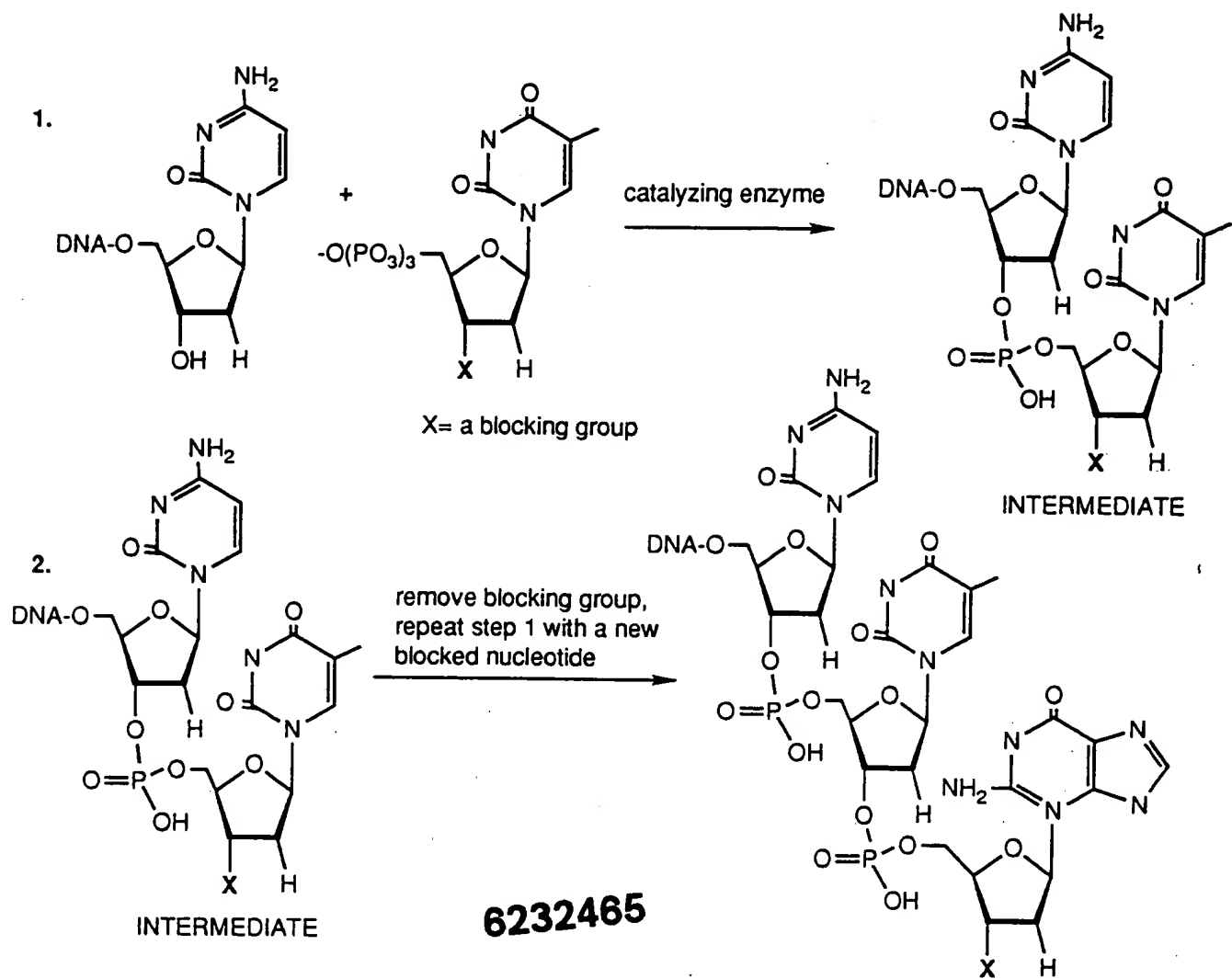
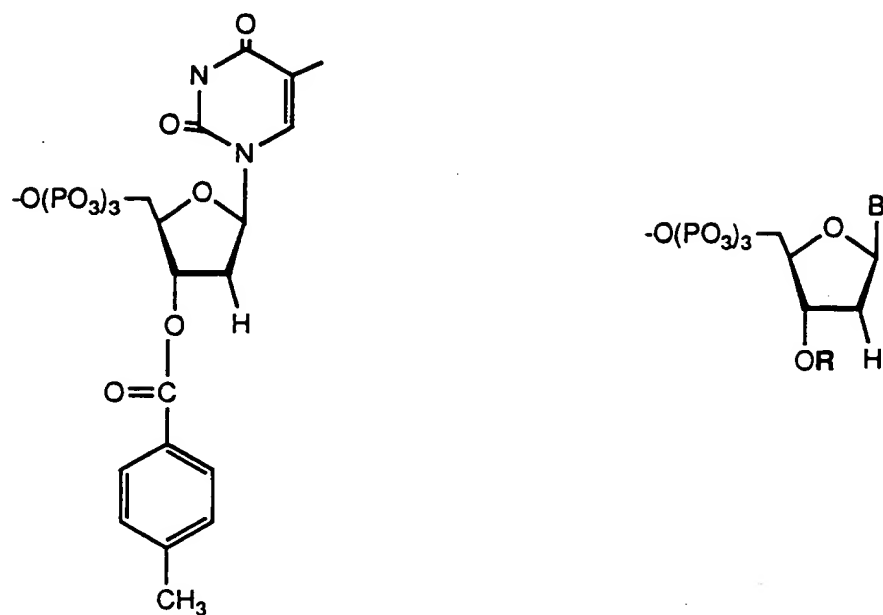
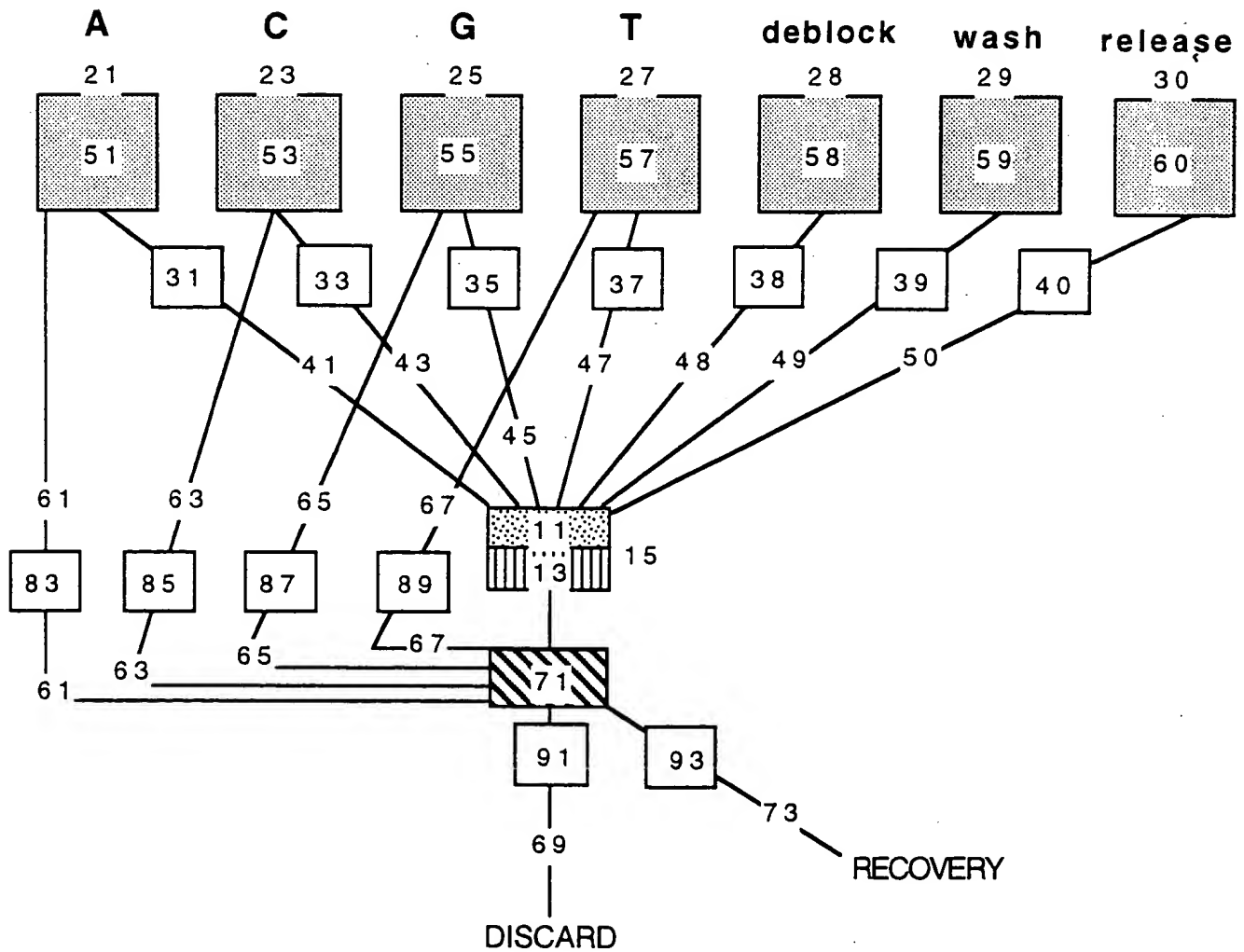


FIGURE 2. EXAMPLE AND GENERAL STRUCTURE OF A BLOCKED NUCLEOTIDE



3'-TOLUIC ACID ESTER OF THYMIDINE 5'-TRIPHOSPHATE

**FIGURE 3. AUTOMATED PROCESS FOR THE ENZYMATIC SYNTHESIS OF DNA**



**FIGURE 4. ALTERNATIVE AUTOMATED PROCESS FOR THE SYNTHESIS OF DNA**

